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PTO/SB/05 (03-01)

Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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**UTILITY
PATENT APPLICATION
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	CA104US
First Inventor	Gang Yu
Title	Method And System For Generating Optimal Solutions**
Express Mail Label No.	ET198305191US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
2. ☒ Applicant claims small entity status.
See 37 CFR 1.27.
3. ☒ Specification [Total Pages **48**]
(preferred arrangement set forth below)
 - Descriptive title of the invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets **12**]
5. Oath or Declaration [Total Pages **2**]
 - a. ☒ Newly executed (original or copy)
 - b. ☐ Copy from a prior application (37 CFR 1.63 (d))
(for continuation/divisional with Box 18 completed)
 - i. ☐ **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s)
named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6. ☐ Application Data Sheet. See 37 CFR 1.76

ADDRESS TO: Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
 - a. ☐ Computer Readable Form (CRF)
 - b. Specification Sequence Listing on:
 - i. ☐ CD-ROM or CD-R (2 copies); or
 - ii. ☐ paper
 - c. ☐ Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. ☒ Assignment Papers (cover sheet & document(s))
10. ☐ 37 CFR 3.73(b) Statement ☒ Power of Attorney
(when there is an assignee)
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s)
(if foreign priority is claimed)
16. ☐ Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17. ☒ Other: Checks in amount of \$ 395 Cover Letter & Cert.

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) ☐ Or prior application No. _____
Prior application information: Examiner _____ Group Art Unit: _____

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS *Express Mail Cert.☐ Customer Number or Bar Code Label ☐ (Insert Customer No. or Attach bar code label here) or ☒ Correspondence address below

Name	Gerald E. Lester				
	22107 Fielder Dr.				
Address					
City	Katy	State	Texas	Zip Code	77450
Country	US	Telephone	281-392-8288	Fax	281-392-2850

Name (Print/Type)	Gerald E. Lester	Registration No. (Attorney/Agent)	27,697
Signature	<i>Gerald E. Lester</i>	Date	5/25/01

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

JC872 U.S. PTO
09/867251

05/29/01

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

TITLE: Method And System For Generating
Optimal Solutions For Open Pairings
Through One-Way Fixes And
Matching Transformations

Attorney Docket No.:

CA104US

Examiner: Not Assigned

Filing Date: May 29, 2001

Art Unit: Not Assigned

Inventors:

Gang Yu & Gao Song

Assignee: CALEB Technologies Corp.

U.S. Director Of Patents And Trademarks
U.S. Patent And Trademark Office
Washington, D.C. 20231

Dear Sir:

CERTIFICATION UNDER 37 CFR 1.10

Express Mail No.

Date Of Deposit

ET198305191US

May 29 , 2001

I hereby certify that the following items are being deposited with the United States Postal Service "Express Mail Post Office To Addressee" service under 37 CFR 1.10 on the date indicated above, and is addressed to the U.S. Director Of Patents And Trademarks, U.S. Patent And Trademark Office, Washington, D.C. 20231:

1. New Utility Patent Application Transmittal;
2. Specification(48 Pages), Claims (16), Abstract, Figures (12 Sheets);
3. Declaration For Utility Or Design Patent Application (2 Pages);
4. Fee Transmittal;
5. Original Assignment;
6. Recordation Form Cover Sheet;

09867954-1052004
T0629079960

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

TITLE: Method And System For Generating
Optimal Solutions For Open Pairings
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Inventors:

Gang Yu & Gao Song

Assignee: CALEB Technologies Corp.

U.S. Director Of Patents And Trademarks
U.S. Patent And Trademark Office
Washington, D.C. 20231

Dear Sir:

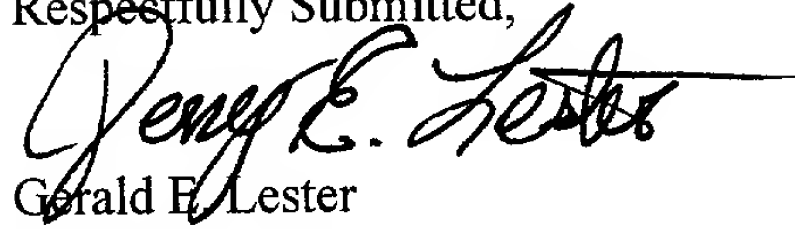
Enclosed please find the following documents:

1. New Utility Patent Application Transmittal;
2. Specification(48 Pages), Claims (16), Abstract, Figures (12 Sheets);
3. Declaration For Utility Or Design Patent Application (2 Pages);
4. Fee Transmittal;
5. Original Assignment;
6. Recordation Form Cover Sheet;
7. Power of Attorney (Two Forms);
8. Stamped And Self-Addressed Post Card For Receipt Of The Official Date
Stamp Of The U.S. Patent And Trademark Office And Return To Addressee.
9. Checks (2) in the amount of \$395.00 made out to the U.S. Director Of Patents
And Trademarks.

U.S. Commissioner Of Patents And Trademarks
May 29, 2001
CA104US
Page 2 of 2

10. Express Mail Certification.

Respectfully Submitted,



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